

03050104-100
(Colonels Creek)

General Description

Watershed 03050104-100 is located in Richland County and consists primarily of **Colonels Creek** and its tributaries. The watershed occupies 44,637 acres of the Sandhills and Upper Coastal Plain regions of South Carolina. The predominant soil types consist of an association of the Vacluse-Ailey-Alpin series. The erodibility of the soil (K) averages 0.12; the slope of the terrain averages 7%, with a range of 2-15%. Land use/land cover in the watershed includes: 87.0% forested land, 5.3% agricultural land, 5.0% forested wetland (swamp), 1.2% water, 0.6% urban land, 0.8% scrub/shrub land, and 0.1% barren land.

Colonels Creek originates near the Town of Pontiac and flows through the Fort Jackson U.S. Army Base property and into the Wateree River. Colonels Creek flows through DuPre Pond (35 acres) and Messers Pond (47 acres), and accepts drainage from Buffalo Creek and Bee Branch on U.S. property. Colonels Creek then accepts drainage from Jumping Run Creek and Leesburg Branch before flowing through Murray Pond (200 acres) and Goodwill Pond (120 acres). There are numerous recreational ponds in the watershed (totaling 340.2 acres) and a total of 62.1 stream miles, all classified FW.

Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
CW-240	W	FW	COLONELS CREEK AT US 601

Colonels Creek (CW-240) - Aquatic life uses are fully supported. This is a blackwater system, characterized by naturally low pH. Although pH excursions occurred, they were typical of values seen in blackwater systems and were considered natural, not standards violations. Recreational uses are fully supported.

NPDES Program

Active NPDES Facilities

RECEIVING STREAM	NPDES#
FACILITY NAME	TYPE
PERMITTED FLOW @ PIPE (MGD)	LIMITATION (EL/WQL)
COMMENT	
COLONELS CREEK - DITCH	SC0046108
SC NATL GUARD/LEESBURG TRAINING FAC.	MINOR INDUSTRIAL
PIPE #: 001 FLOW: M/R	EFFLUENT
LEESBURG BRANCH	SC0038792
US MARINE CORP.	MINOR INDUSTRIAL
PIPE #: 001 FLOW: M/R	EFFLUENT

Nonpoint Source Management Program

Land Disposal Activities

Landfill Facilities

SOLID WASTE LANDFILL NAME
FACILITY TYPE

PERMIT #
STATUS

CAROLINA GRADING INC.
INDUSTRIAL

402446-1601 (IWP-223)
ACTIVE

Growth Potential

There is a low potential for growth in this watershed, which contains the eastern portion of Fort Jackson. Percival Road and I-20 run along the top of the watershed, and water and sewer is only available there and near the Leesburg Road/Fort Jackson area. There are some rural residential areas in the Leesburg Road area.